

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
 (Not for submission under 37 CFR 1.99)

|                        |                 |
|------------------------|-----------------|
| Application Number     | 10606565        |
| Filing Date            | 2003-06-26      |
| First Named Inventor   | Jeyhan Karaoguz |
| Art Unit               | 2476            |
| Examiner Name          | Blanche Wong    |
| Attorney Docket Number | 14169US02       |

| U.S. PATENTS      |         |               |            |            |   | <input type="button" value="Remove"/>                                    |
|-------------------|---------|---------------|------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code† | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
| 1                 | 5659596 |               |            | 1997-08-19 | Dunn  |  |
| 2                 | 6219346 |               |            | 2001-04-17 | Maxemchuk                                       |  |
| 3                 | 6119005 |               |            | 2000-09-12 | Smolik  |  |
| 4                 | 6154652 |               |            | 2000-11-28 | Park et al.                                     |  |
| 5                 | 6370380 |               |            | 2002-04-09 | Norefors et al.                                 |  |
| 6                 | 6587680 |               |            | 2003-07-01 | Ala-Laurila et al.                              |  |
| 7                 | 5940598 |               |            | 1999-08-17 | Strauss et al.                                  |  |
| 8                 | 6081523 |               |            | 2000-06-27 | Merchant et al.                                 |  |

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

|                        |                 |
|------------------------|-----------------|
| Application Number     | 10606565        |
| Filing Date            | 2003-06-26      |
| First Named Inventor   | Jeyhan Karaoguz |
| Art Unit               | 2476            |
| Examiner Name          | Blanche Wong    |
| Attorney Docket Number | 14169US02       |

|    |         |  |            |               |  |
|----|---------|--|------------|---------------|--|
| 9  | 6760778 |  | 2004-07-06 | Nelson et al. |  |
| 10 | 6956824 |  | 2005-10-18 | Mark et al.   |  |

If you wish to add additional U.S. Patent citation information please click the Add button.

**U.S. PATENT APPLICATION PUBLICATIONS**

| Examiner Initial* | Cite No | Publication Number | Kind Code <sup>1</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|                   | 1       |                    |                        |                  |   |  |

If you wish to add additional U.S. Published Application citation information please click the Add button.

**FOREIGN PATENT DOCUMENTS**

| Examiner Initial* | Cite No | Foreign Document Number <sup>2</sup> | Country Code <sup>2-1</sup> | Kind Code <sup>4</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T5                       |
|-------------------|---------|--------------------------------------|-----------------------------|------------------------|------------------|---|--|--------------------------|
|                   | 1       | 94/28645                             | WO                          |                        | 1994-12-08       | UNIV COLUMBIA                                   |  | <input type="checkbox"/> |
|                   | 2       | 97/31487                             | WO                          |                        | 1997-08-28       | NOKIA<br>TELECOMMUNICATIONS OY                  |  | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

|                    |         |   |                          |
|--------------------|---------|---|--------------------------|
| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T5                       |
|                    | 1       | European Search Report corresponding to European Patent Application Serial No. 04011698 0-1249, dated February 12, 2010.  | <input type="checkbox"/> |

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

|                        |                 |
|------------------------|-----------------|
| Application Number     | 10606565        |
| Filing Date            | 2003-06-26      |
| First Named Inventor   | Jeyhan Karaoguz |
| Art Unit               | 2476            |
| Examiner Name          | Blanche Wong    |
| Attorney Docket Number | 14169US02       |

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.